

North Carolina Department of Health and Human Services  
Division of Mental Health, Developmental Disabilities and Substance Abuse Services

## NC-TOPPS

North Carolina Treatment Outcomes and Program Performance System

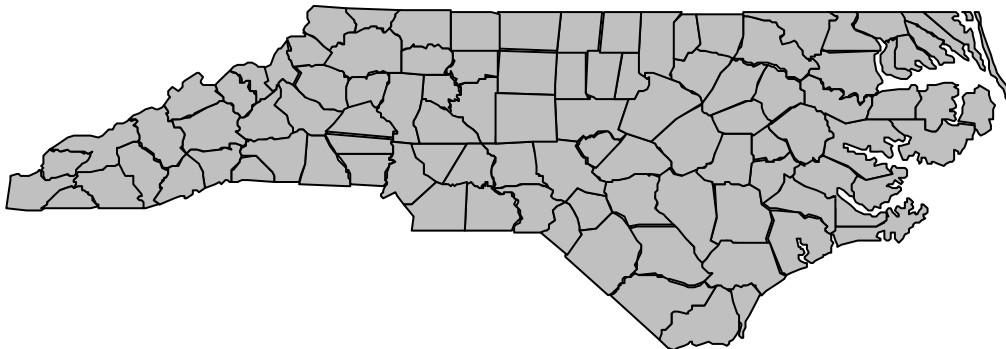
### Adolescent (12-17) Substance Abuse Consumers Sandhills Center LME

#### Initial Interview Matched to 3-Month or Completed Treatment Interview

Initials Conducted July 1, 2006 through June 30, 2007

Note: Includes Update or completed treatment interviews conducted through December 2007.

Purpose of Report: To assess behavior for consumers progressing in treatment or who have been discharged as "completed treatment." Consumers are included who have at least one month but not more than six months of treatment when discharged or when the 3-month Interview was conducted.



Data Collected By:

Center for Urban Affairs and Community Services (CUACS)  
NC State University  
Mindy McNeely, Project Director

Report Produced By:

Institute for Community-Based Research  
National Development & Research Institutes, Inc. (NDRI)  
Marge Cawley, Project Director  
Gail Craddock, Senior Research Analyst

Prepared For:

Quality Management Team  
Community Policy Management Section  
DMH/DD/SAS  
NC DHHS

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## Matched Initial/Update Report

This feedback report is available to Local Management Entities, providers and the NC Division of Mental Health, Developmental Disabilities and Substance Abuse Services on data gathered for substance abuse consumers through the North Carolina Treatment Outcomes and Program Performance System (NC-TOPPS). This report provides information gathered through the online NC-TOPPS Initial and Update Interviews. It provides seven or eight pages of charts, tables and text information on substance abuse consumers' demographic characteristics, substance use, symptoms, behaviors and activities, service needs, supports and barriers, family and housing issues and outcome measures collected through an interview with the consumer during treatment. It should be noted that not every data element or response category on the NC-TOPPS Assessments are displayed in this report.

Throughout this report the word "Update" also refers to the completed treatment interview.

Please note that the charts and tables may not always match online queries that you may conduct. The data used in these reports will not necessarily reflect the same points in time. In addition, NDRI who produces these reports cleans the data and removes apparent duplicates prior to preparing the tables and charts.

Additional information about NC-TOPPS and pdf copies of the online NC-TOPPS interviews are located at:

<http://nctopps.ncdmh.net/>

## General Information on Interpreting Tables

<b>Types of Statistics</b>	<ul style="list-style-type: none"> <li>▶ A <u>count</u> shows the actual number (often designated by the letter "n") of clients.</li> <li>▶ A <u>percentage</u> is the number of clients with a characteristic or behavior divided by all the clients in the group of interest multiplied by 100. Percentages will be designated with a % sign next to the number.</li> <li>▶ An <u>average</u> is the sum of a set of numbers divided by the number of numbers in the set. When a number in a cell is an average, the word average will appear in the row descriptor.</li> <li>▶ A <u>median</u> is the middle number in a set of numbers, arranged from lowest to highest. For example, the median for the following numbers: 9, 12, 12, 15, 17, 20, <b>22</b>, 23, 25, 28, 31, 35, 62 is the bolded number, 22. Medians are important measures of central tendency, especially when a mean may be skewed by a very high or very low value. When a number in a cell is a median, the word median will appear in the row descriptor.</li> </ul>
<b>Missing Data</b>	For many of the NC-TOPPS forms received, a particular item or question may have been left blank. In calculating the means, medians, and percentages in cells of questionnaire items, this missing data is excluded from the calculation. For example, program X may have submitted 50 interviews but in 2 of them, gender was left blank. When the percent of males is calculated, the 25 males are shown as 52% ( $25/48 \times 100$ ).
<b>Denominator</b>	The denominator for nearly all percentages is the number of cases shown on the bottom left of the page minus item missing data. All exceptions to this general rule are <b>specifically noted</b> with appropriate text in the graphic or table. This text will state which group is included or excluded from the denominator, such as "of those in the labor force" or "of those with children."
<b>Multiple Response</b>	"Multiple response" indicates a "mark all that apply" type question in which more than one response to a question is allowed. The total of responses may add to greater than 100%. Examples are health insurance or target population. This is in contrast to items such as gender where only a single response is allowed.
<b>Time periods of behaviors measured</b>	Behaviors are measured at several time periods including the past year, the past 6-months, the past 3-months, the past month, or since last interview. For the Initial Interviews, the time periods can generally be construed to mean the time period before treatment begins. For the Update Assessments the time is measured from the time at which the interview occurs back one month, 3-months, or since the last interview.
<b>Definitions of terms</b>	The Appendix at the end of the report gives definitions of acronyms, abbreviations, and other terms used in this report.
<b>Notes:</b>	Mental Health consumers who are also being treated for substance abuse (co-occurring) are included in this report.

**Sandhills Center Adolescent Substance Abuse Consumers**  
**Initial Interview Matched to 3-Month or Completed Treatment Interview**  
**Initials Conducted July 1, 2006 through June 30, 2007**

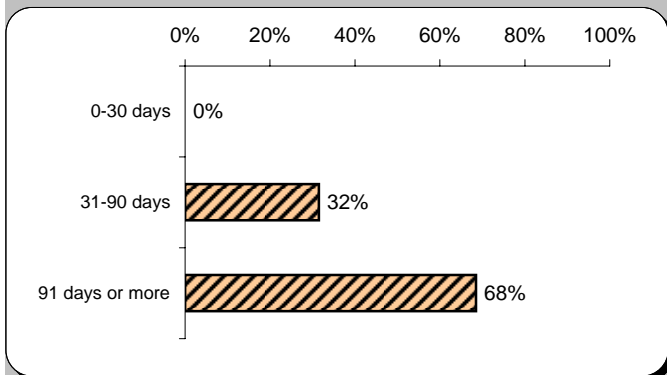
This table shows the number of matched consumers in this report by provider. This is the number of Initials done during the fiscal year 2006-2007 for whom there was a 3-month update interview conducted by December 31, 2007.

<b>Provider</b>	<b>City</b>	<b>ProviderID</b>	<b>Number</b>
Behavioral Healthcare of the Carolinas/Mentor	West End	991	1
Cardinal Clinic	Southern	939	1
NC Mentor Network	Rockingham	359	2
PRI (Program Resource Institute, Inc.)	Asheboro	1380	11
PRI (Program Resource Institute, Inc.)	Lillington	1362	19
PRI (Program Resource Institute, Inc.)	Raeford	1257	13
PRI (Program Resource Institute, Inc.)	Rockingham	1258	11
Randolph JDRC	Asheboro	1560	2
Woodrow Scoggins Treatment Center	Sanford	309	10
Youth Unlimited, Inc.	Sophia	1540	3
<b>Total</b>			<b>73</b>

## Part I

Part I of this report includes descriptive information about the Initial Interview Matched to 3-Month or Completed Treatment Interview consumers. This information on the types of consumers, time in treatment, types of services needed and being rendered helps in understanding the behavioral changes shown in Part II and Part III of this report.

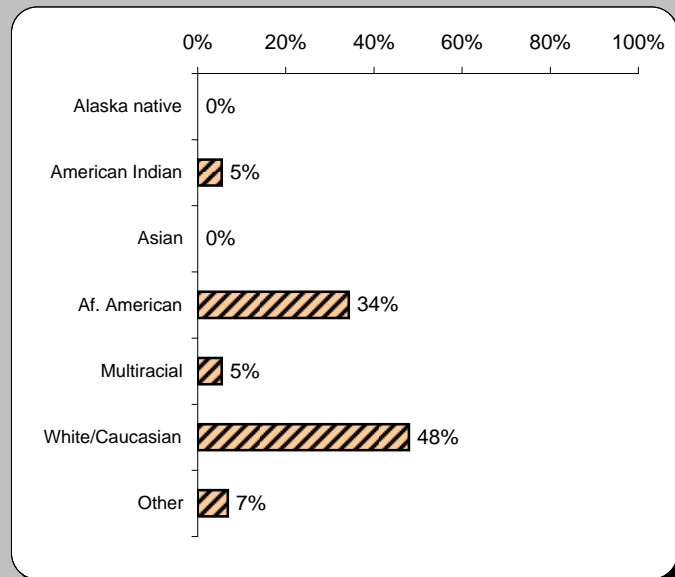
### 1-1: Days Between Initial and Update Interview



### 1-2: Gender

Among Sandhills consumers, 84% are male, and 16% are female.

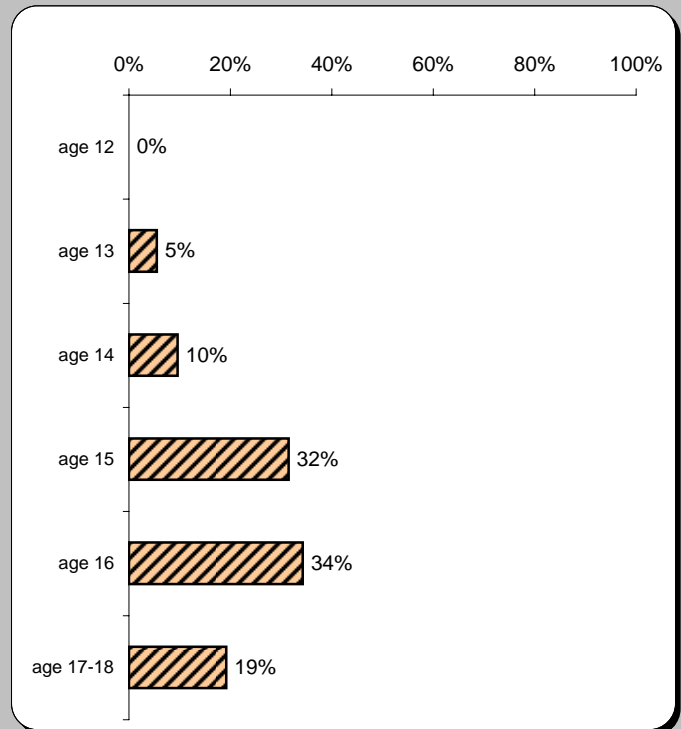
### 1-3: Race/Ethnicity



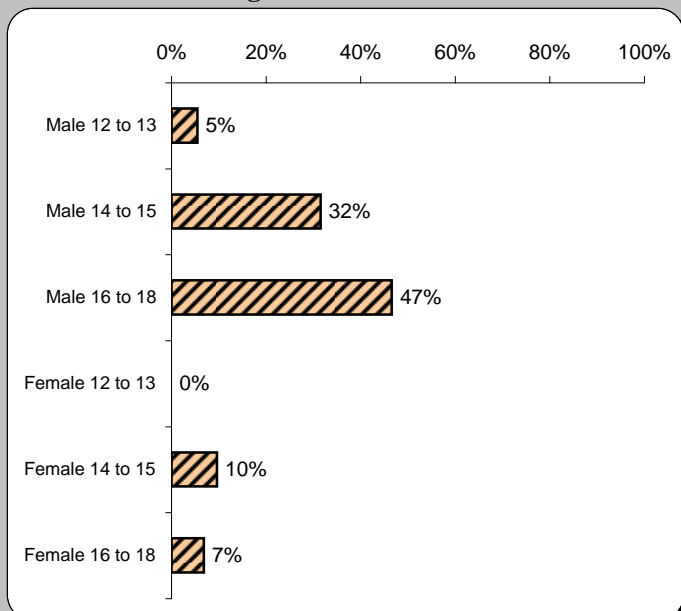
### 1-4: Hispanic

10% of Sandhills consumers are Hispanic.

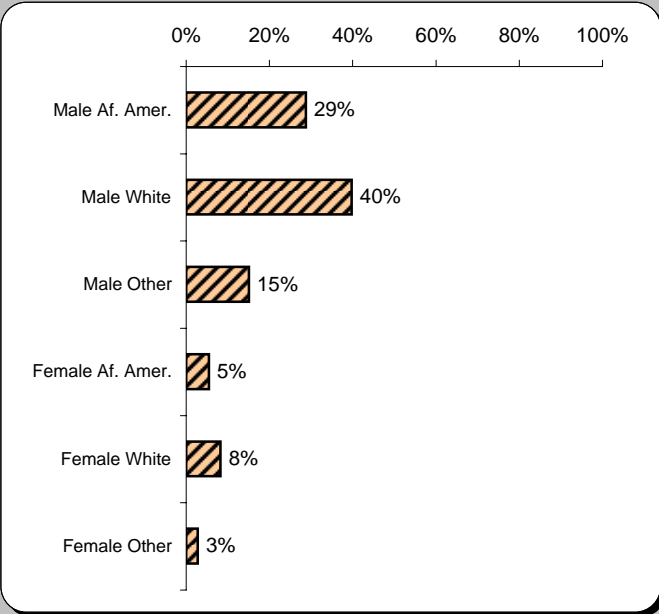
### 1-5: Age Group



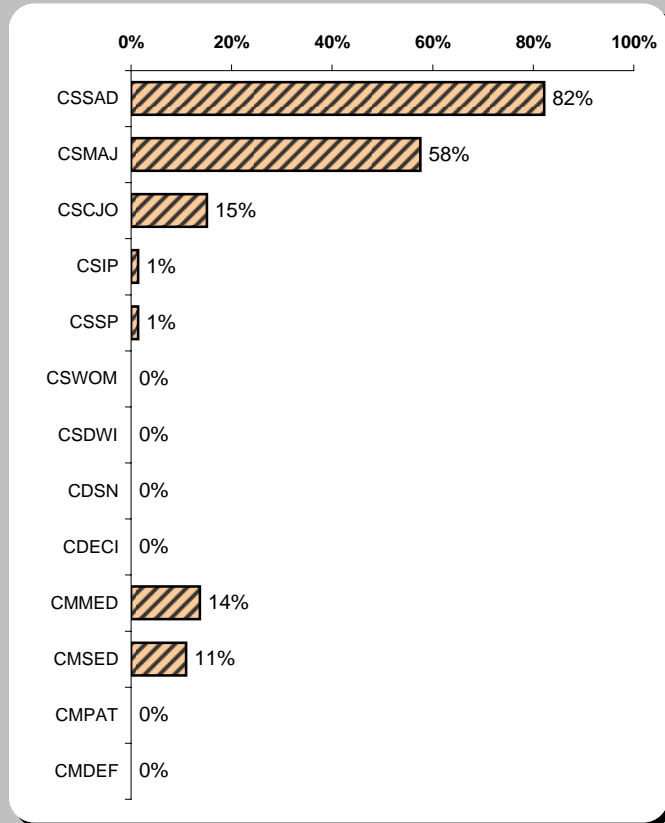
### 1-6: Gender and Age



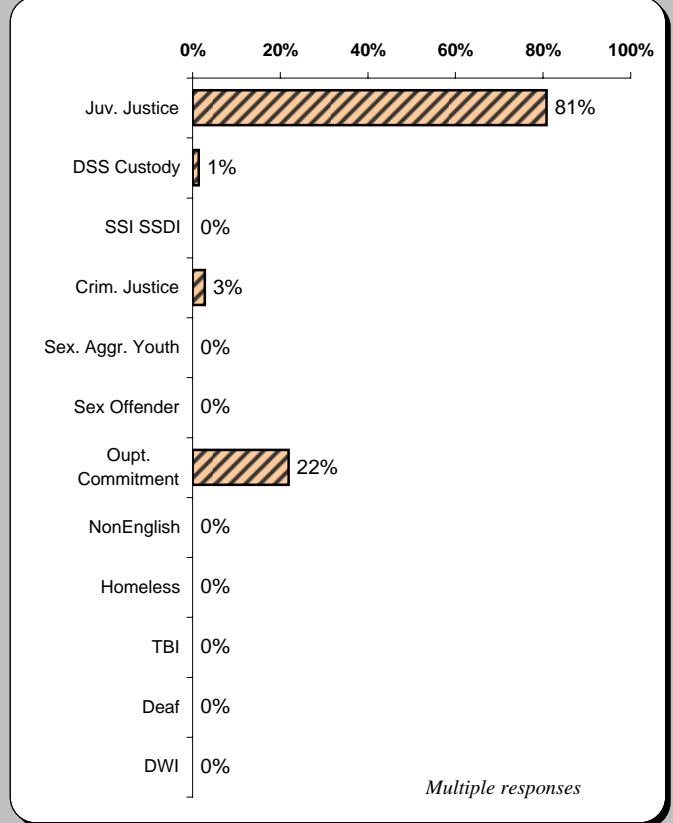
## 2-1: Gender and Ethnicity



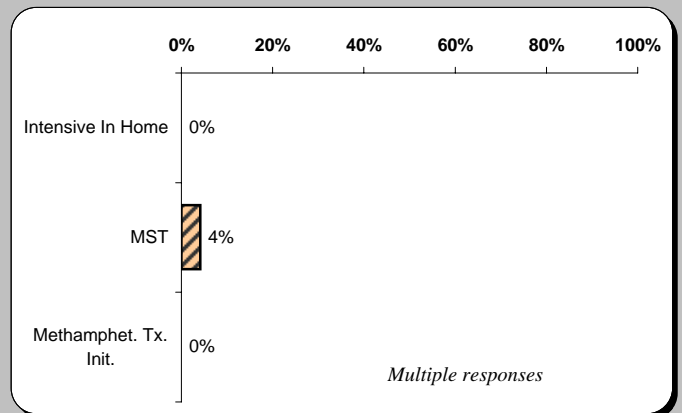
## 2-2: IPRS Target Populations at Update



## 2-3: Special Populations at Update



## 2-4: Special Programs at Update



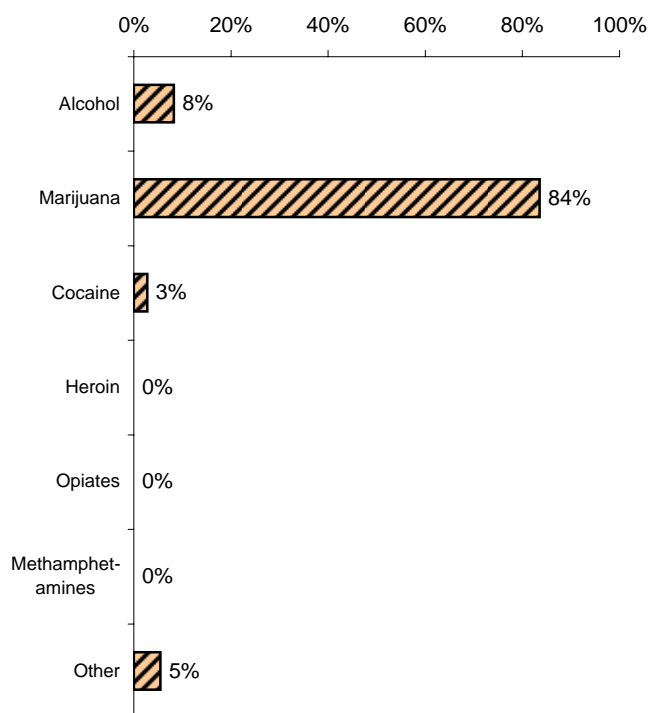
Note: See appendix for definitions of acronyms used on this page.

Number of matched Initial/Update Interviews: Sandhills = 73

## 3-1: DSM-IV Diagnoses at Update

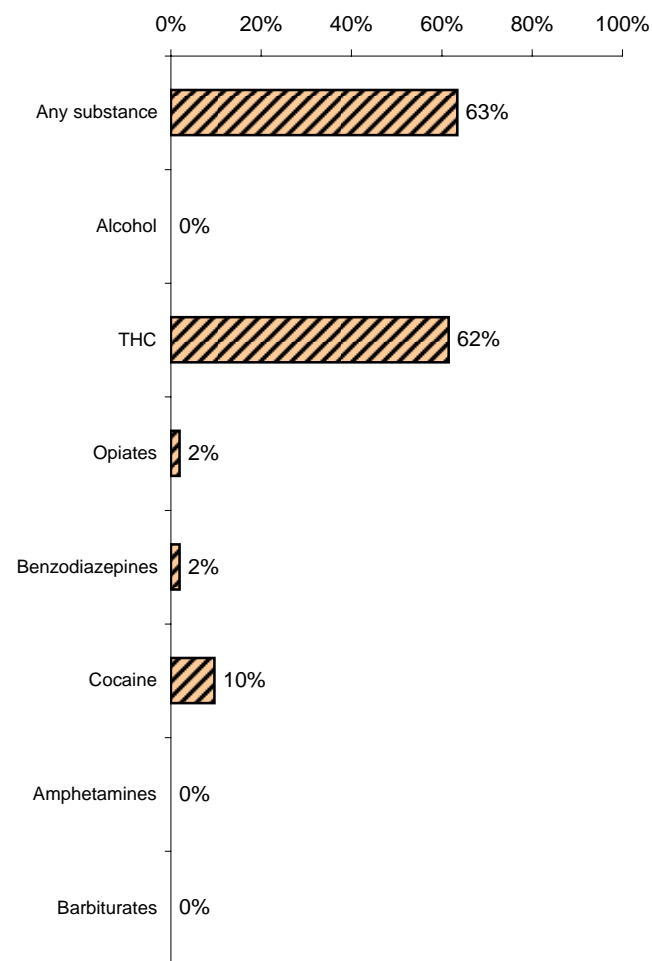
Diagnostic Category	
Drug dependence	34%
Alcohol dependence	3%
Drug abuse	63%
Alcohol abuse	34%
Oppositional defiant disorder	22%
Conduct disorder	5%
ADD	8%
Bipolar disorder	3%
Major depression	5%
Disruptive behavior	7%
PTSD	0%

## 3-2: Primary Substance at Initial Interview



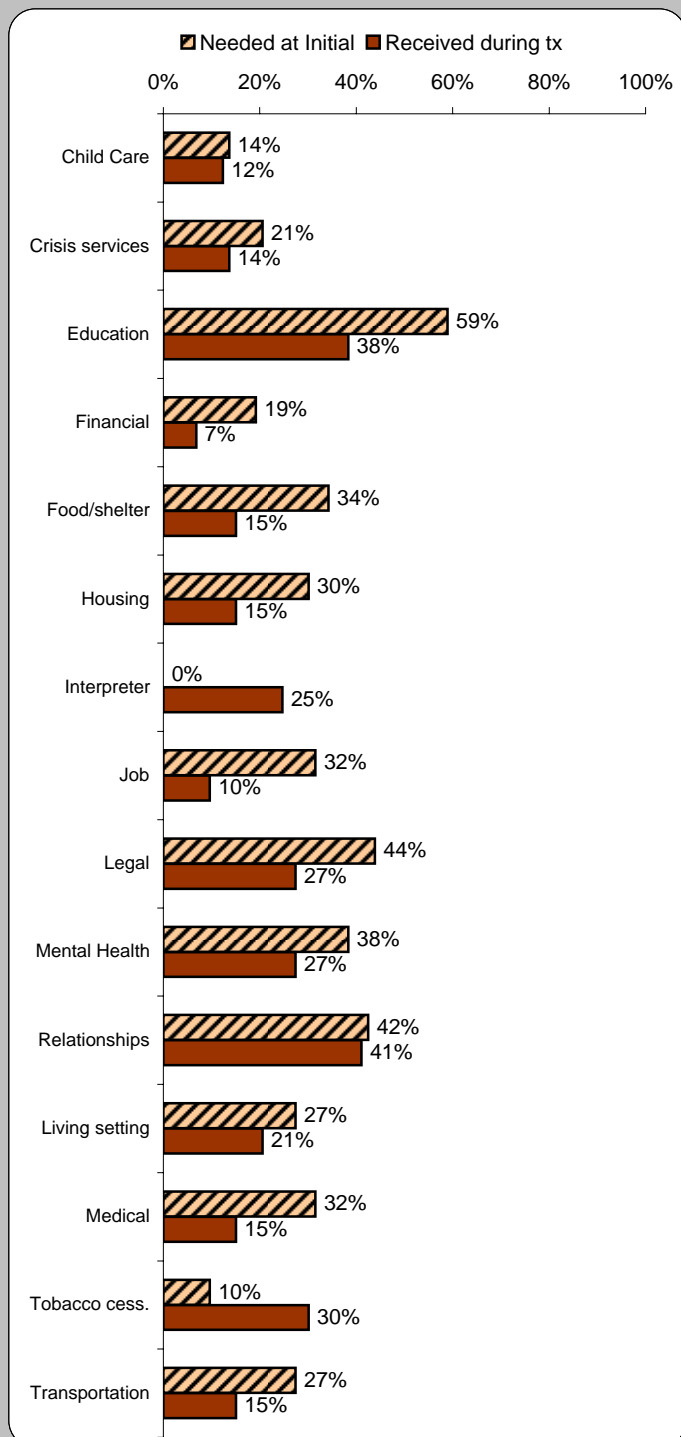
## 3-3: Drug Test Results

**Number of consumers tested: 52**  
**Percent of consumers tested: 71%**  
**Average # of tests for each consumer tested: 3.6**

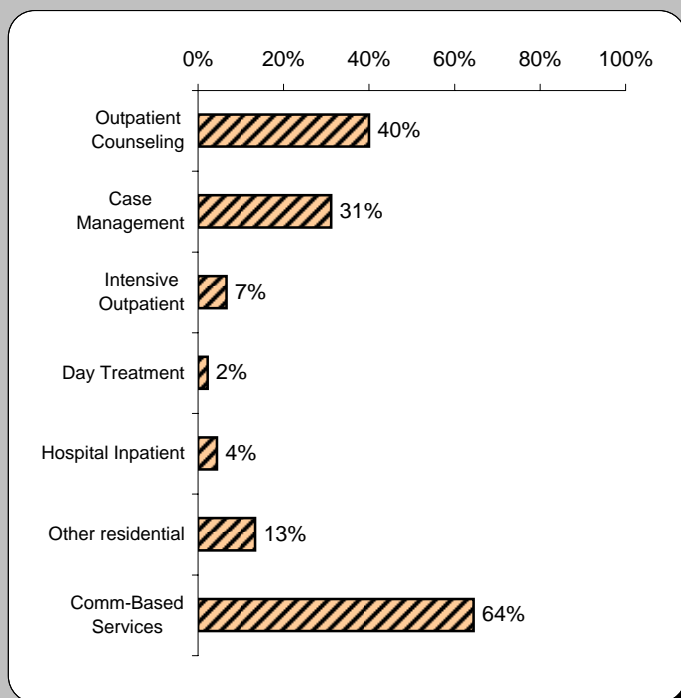


## 4-1: Services Needed and Received

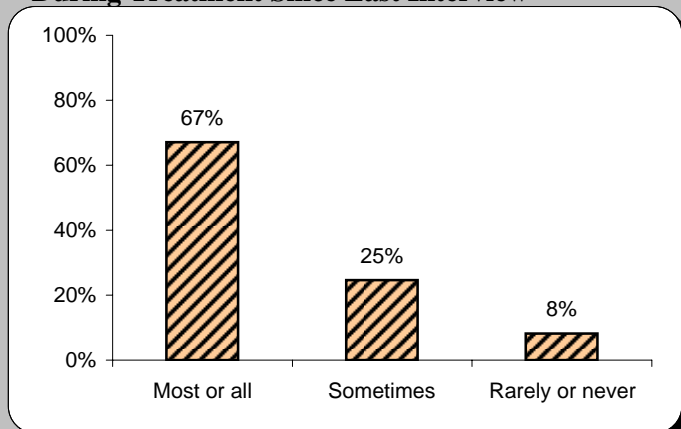
This chart compares information from the Initial Interview about whether a service area is very important to information from the Update about whether the service was received during treatment.



## 4-2: Types of SA Treatment Services Rendered Since Last Interview



## 4-3: Attendance at Scheduled Treatment Sessions, During Treatment Since Last Interview



## 4-4: Family Involvement with Treatment Services and Person-Centered Planning Since the Last Interview

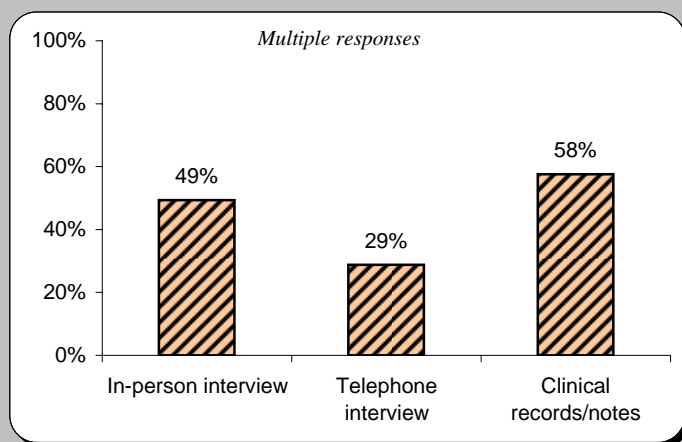
### Family Involvement with...

Services and/or planning	95%
Treatment Services	81%
Person-centered planning	67%

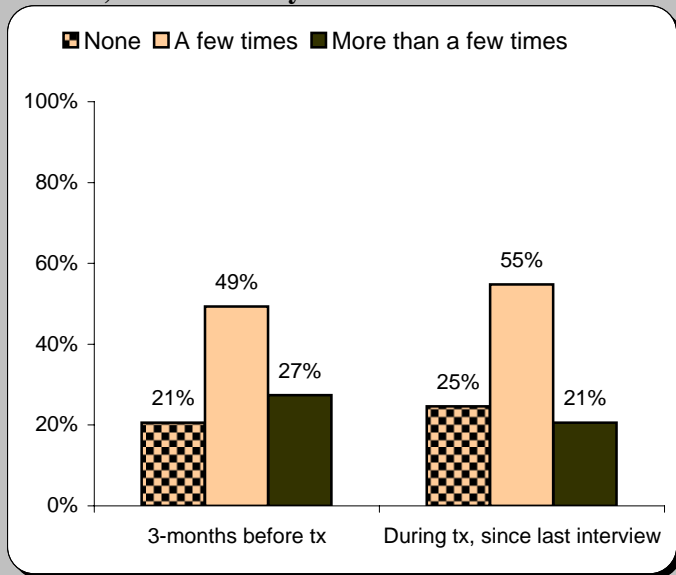
## Part II

Charts and Graphs 5-2 thru 6-6 show consumers' daily activities, living situation, substance use, and arrests. Some graphs and tables compare information collected at the Initial with information collected in the Update interview. Initial Interview information is designed to be collected by means of a personal interview with the consumer. The preferred method for completing the Update items in this section is a personal interview; however, a telephone interview, clinical records and/or notes can also be used. The following chart shows how it was completed for the current group of consumers:

### 5-1 Update Data Collection Method



### 5-2: How Often Problems Interfere with Work, School, or Other Daily Activities



Number of matched Initial/Update Interviews: Sandhills = 73

### 5-3: Enrollment in Academic Program

Enrolled in....	Initial Interview	Update Interview
Any academic program	79%	85%
Academic School (K-12)	66%	63%
Alternative Learning Program(ALP)	12%	16%
Technical or Vocational School	0%	0%
GED	1%	4%

### 5-4: Students in K-12 who Received Mostly A's, B's, and C's at Most Recent Grading Period

Of those in K-12	Initial Interview	Update Interview
Received mostly A's, B's, and C's	75%	70%

### 5-5: School Expulsion, Suspension and Truancy

Of those enrolled in K-12 who missed school due to	3-months before tx	Since last interview
Expulsion	13%	0%
Suspension	38%	24%
Truancy	21%	9%

### 5-6: Justice System Involvement

6% of Sandhills consumers were under adult correctional supervision and 79% were under the juvenile correctional supervision at the time of the Update Assessment.

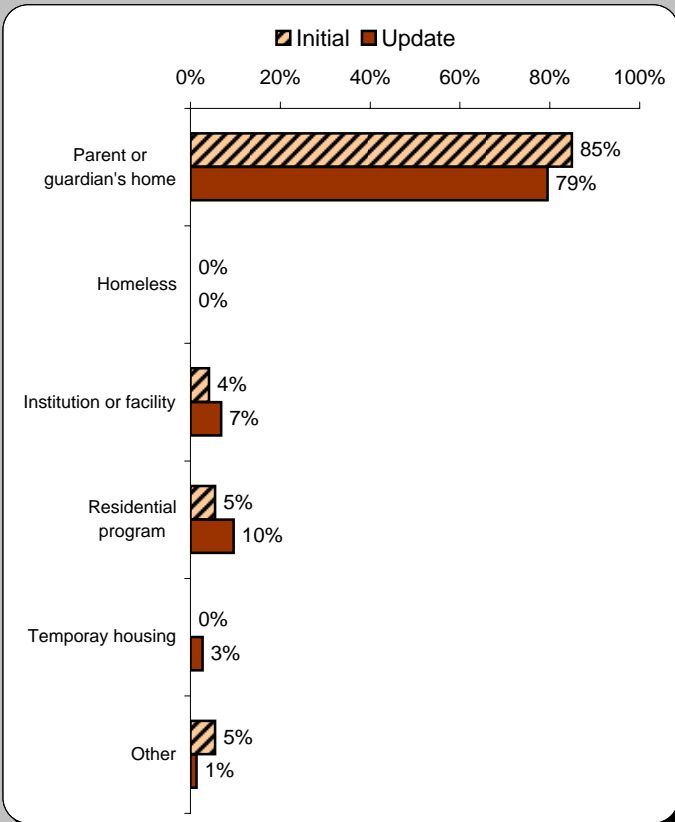
### 5-7: Arrested or In Trouble with the Law

	6-months before tx	During tx since last interview
In trouble with the law	31%	12%
Any arrest	18%	5%
Misdemeanor arrest	18%	3%
Felony arrest	0%	4%

### 5-8: Carried Weapon Such as Knife or Gun

	3-months before tx	During tx since last interview
Carried knife or gun	36%	21%

## 6-1: Where Lived



## 6-2: Number Living in Special Circumstances

Where lived most of time	3 Months before Tx	Since last interview
Homeless sheltered	0	0
Homeless unsheltered	0	0
Foster home	0	0
Therapeutic foster home	0	0
Level III Group Home	2	2
Level IV Group Home	0	0
Halfway house	0	0
State residential treatment center	1	1
SA residential treatment facility	1	4
Psychiatric residential treatment facility	0	0
<b>Total living in special circumstances</b>	<b>4</b>	<b>7</b>
--Of the total, number in home community	0	3

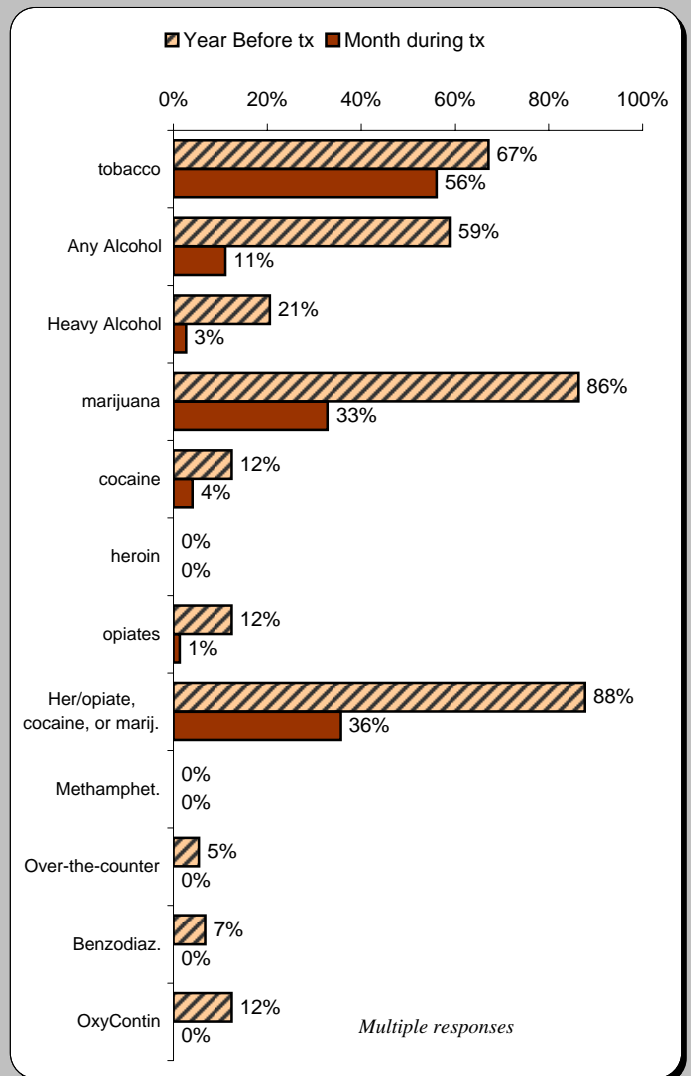
## 6-3: Have Own Children

1% of Sandhills consumers have children of their own.

## 6-4: Times Moved Residences Since Last Interview

None	84%
Once	12%
More than once	4%

## 6-5: Substance Use in Past Month



## 6-6: Cigarette Smoking

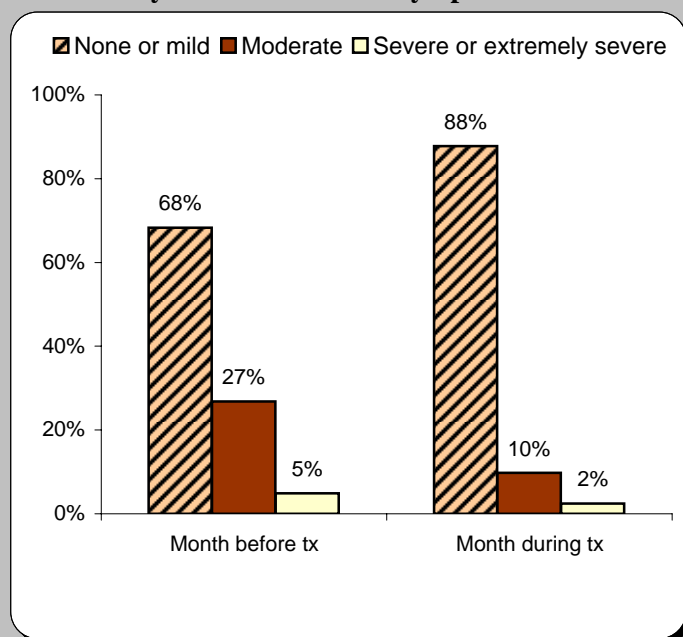
	Month before tx	Month during tx
Smoke cigarettes	62%	58%
Smoke a pack a day or more	11%	4%

## Part III

Charts and Graphs 7-1 thru 8-3 compare Initial Interview information with information from Section III of the Update Interview. Section III has questions that must be answered by the consumer. If the consumer is not available, these items are skipped and left blank. Therefore, these items often represent the responses of fewer consumers.

**\* 41 of the 73 (56%) of Sandhills Update Interview included a personal interview with the consumer.**

### 7-1: Severity of Mental Health Symptoms



### 7-2: Psychotropic Medications at Update

24% of Sandhills consumers have a current prescription for psychotropic medications. Of those, 80% take their medication as prescribed all or most of the time.

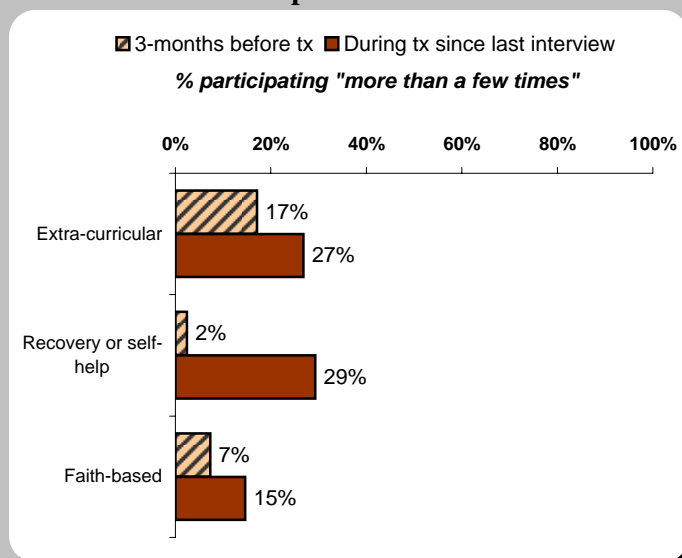
### 7-3: Experienced Violence

	3 Months before tx	During tx, since last interview
Physical violence	17%	15%
Sexual violence	0%	0%

### 7-4: Behavior Problems and Symptoms

	3 Months before tx	During tx, since last interview
Suicidal thoughts	15%	7%
Tried to hurt or cause self pain	0%	0%
Risky Sexual activity	13%	2%
Hit/physically hurt another person	32%	15%

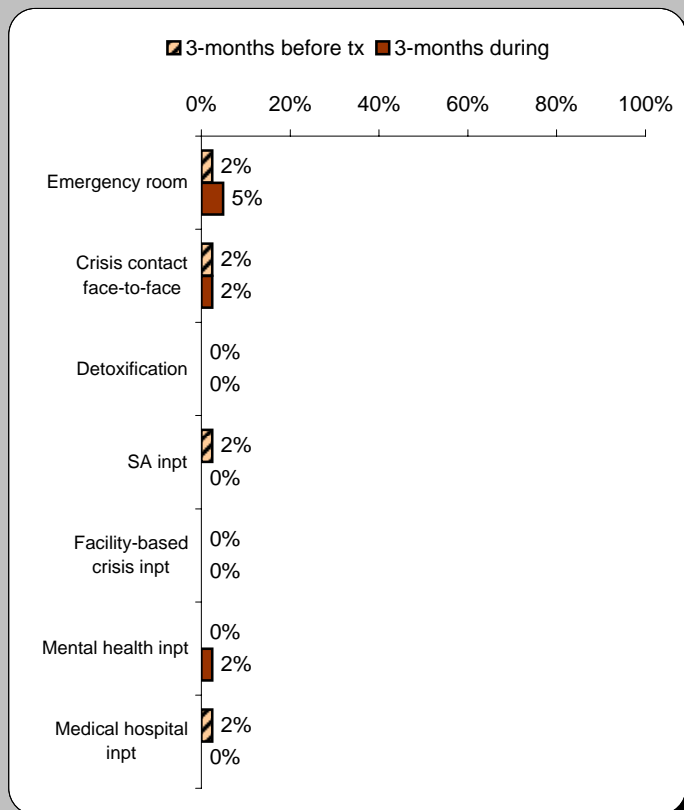
### 7-5: Consumer Participation in Positive Activities



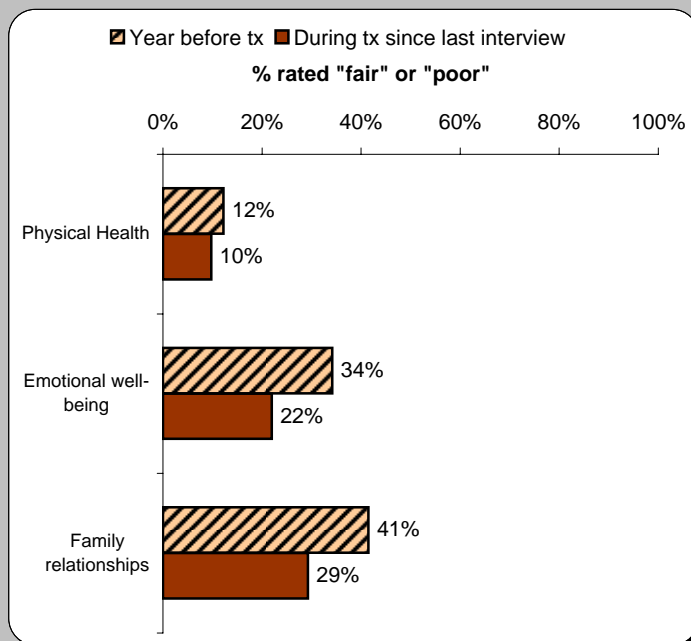
### 7-6: Public or Private Health Care Provider

Of the Sandhills consumers, 80% have an identified primary health care provider and 71% have seen their provider in the past year.

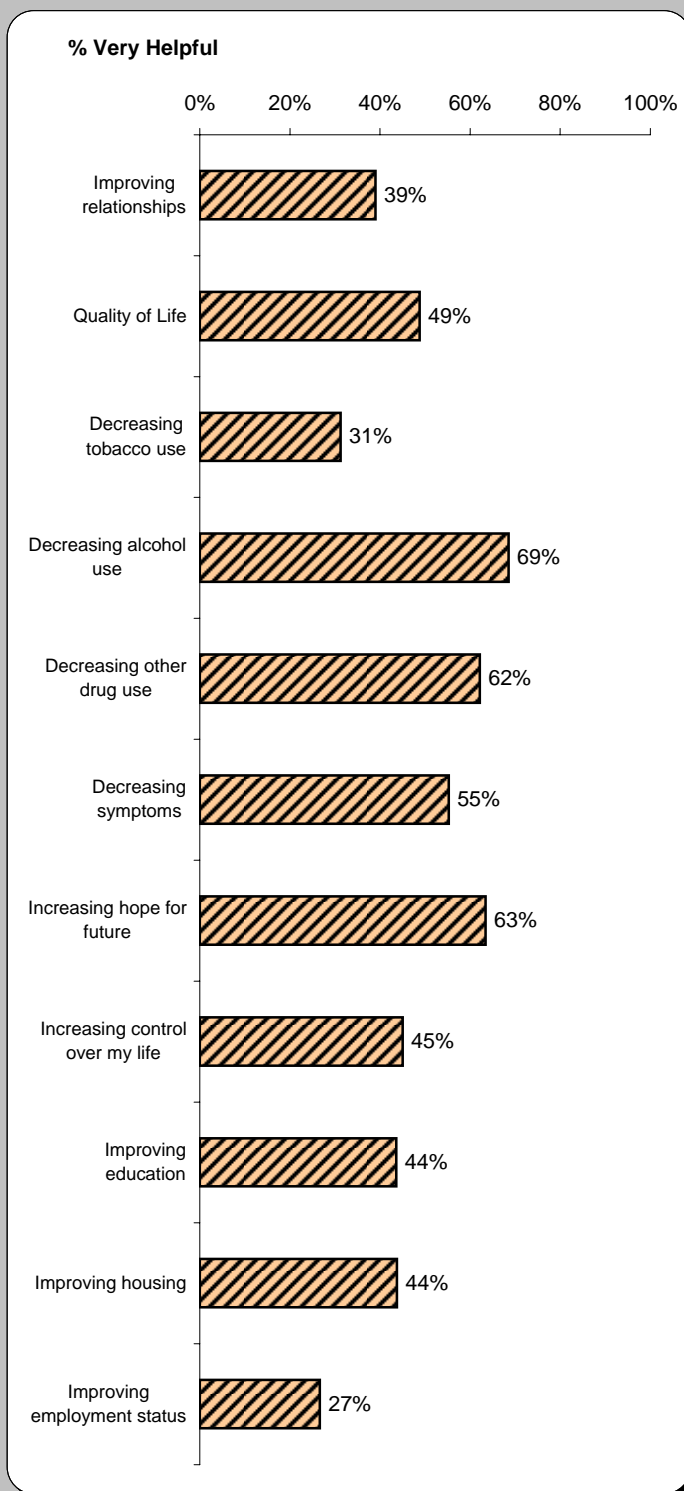
## 8-1: Health Care Received



## 8-2: Consumer Ratings on Quality of Life



## 8-3: Helpfulness of Program Services (of those for whom the service is applicable)



<b>Acronym or Term</b>	<b>Definition</b>
ACT	Assertive Community Treatment
ADMRI	Target population: Adult with both mental retardation and mental illness
ADSN	Target population: Adult with Developmental Disability
Af American	African American
AMOLM	Target population: Adult consumer receiving Olmstead services
AMPAT	Target population: Adult MH consumer who is homeless (PATH program).
AMSMI	Target population: Adult with serious mental illness
AMSPM	Target population: Adult with serious and persistent mental illness
AOD	Alcohol or other drugs
ASCDR	Target population: Adult SA injection drug user at risk for communicable disease
ASCJO	Target population: Adult SA who is a criminal justice offender
ASDHH	Target population: Adult SA consumer who is deaf or hard of hearing
ASDSS	Target population: Adult SA consumer who is involved with DSS
ASDWI	Target population: Adult SA consumer who is receiving DWI offender treatment
ASHMT	Target population: Adult with a chronic substance abuse disorder
ASHOM	Target population: Adult SA consumer who is homeless
ASWOM	Target population: Adult SA consumer who is pregnant or has dependent children
Assessmt	Assessment
Benzodiaz.	Benzodiazepine(s)
Buprenorph.	Buprenorphine
CASAWORKS	Residential program initiative designed to help substance abusing women
Cauc.	Caucasian
Crim. Justice or CJ	Criminal Justice
CST	Community support team
Detox	Detoxification
DSM	Diagnostic and Statistical Manual (Edition IV)
DSS	Division of Social Services
DWI	Driving while Impaired
GED	General Education Diploma (High School Equivalency)
H or I felon	Class H or I felon (controlled substance) who applied for food stamps
Her	Heroin
HS	High School
Inpt.	Inpatient
Marij.	Marijuana
Med. Mgmt.	Psychiatric medication management services
Methamphet.	Methamphetamine(s)
Methamphet. Tx. Init.	Methamphetamine Treatment Initiative
MH	Mental Health
Outpt. Commitment	Outpatient Commitment
PSR	Psychosocial rehabilitation
PTSD	Post-traumatic Stress disorder
SA	Substance Abuse or Substance Abuser
SSI/SSDI	Supplemental Security Income or Social Security Disability Insurance
TASC	Treatment Accountability for Safer Communities
TBI	Traumatic brain injury
Tx	Treatment
Work First	DSS program for temporary assistance to needy families

Note; Refer to web page for more complete definitions of target populations:

<http://www.dhhs.state.nc.us/mhdd/sas>